



Microsemi



A2F500M3G-1FGG256M

Part Number:	A2F500M3G-1FGG256M
Manufacturer/Brand:	Microsemi
Product description	IC FPGA 500K GATES 512KB 256FBGA
Datasheets:	 A2F500M3G-1FGG256M.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	141 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of A2F500M3G-1FGG256M

PART NUMBER	A2F500M3G-1FGG256M
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA 500K GATES 512KB 256FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	141 pcs
DATA SHEET	 A2F500M3G-1FGG256M.pdf
SUPPLIER DEVICE PACKAGE	256-FBGA (17x17)
SPEED	100MHz
SERIES	SmartFusion®
RAM SIZE	64KB
PRIMARY ATTRIBUTES	ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OPERATING TEMPERATURE	-55°C ~ 125°C (TJ)
NUMBER OF I/O	MCU - 25, FPGA - 66
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion® ProASIC®3 FPGA, 500K Gates, 11520 D-Flip-Flops 512KB 64KB 100MHz 256-FBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	EBI/EMI, Ethernet, I²C, SPI, UART/USART
BASE PART NUMBER	A2F500M3G
ARCHITECTURE	MCU, FPGA

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